

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                  |  |                 |                   |
|------------------|--|-----------------|-------------------|
| Applicants:      | James O'Keeffe et al.  |                 |                   |
| Title:           | Band-Structure Modulation of Nano-Structure in an Electric Field |                 |                   |
| Application No.: | 09/994,534   | Filing Date:    | November 27, 2001 |
| Examiner:        | Erdem, Fazli   | Group Art Unit: | 2826              |
| Docket No.:      | STAN.068US0  | Conf. No.:      | 8198              |

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION AND AMENDMENT**

Sir:

This is in response to the non-final Office Action dated September 25, 2006, setting a shortened statutory period for response to expire December 25, 2006.

Claim Amendments are reflected in the listing of claims, which begins on page 2 of this paper.

No amendment to the Specification is being made.

No amendment to the Drawings is being made.

Remarks begin on page 10 of this paper.

Reconsideration is kindly requested in light of the following amendments and remarks.